

**MRID
NUMBER**

434955-00

434955-00



December 16, 1994

WASHINGTON

1101 17th Street, N.W.

Suite 500

Washington, D.C. 20036

Telephone 202 223 4392

Telex 255309

Fax 202 872 0745

Mr. Jay S. Ellenberger, Chief (H7508W)
Accelerated Reregistration Division (OPP)
US Environmental Protection Agency
1921 Jefferson Davis Highway
Arlington, VA 22202

Subject: Acute Neurotoxicity Studies
Positive Control Data

Dear Mr. Ellenberger:

Technology Sciences Group Inc., on behalf of Bio-Research Laboratories, Ltd., submits the attached data on the results of acute neurotoxicity evaluations conducted with test substances that yield positive results. Bio-Research has conducted a number of acute neurotoxicity studies following EPA's guidelines (Guideline 81-8) to support the reregistration of various pesticides. The attached studies are provided to supplement the Agency's data regarding the acute neurotoxicity studies conducted at Bio-Research's facility.

Bio-Research will authorize the Agency to access these data in support of acute neurotoxicity studies conducted by Bio-Research and submitted by pesticide registrants. If the Agency has any questions regarding these data on positive control studies, please contact Technology Sciences Group Inc. at (202) 828-8963.

Sincerely,

Robert R. Stewart, Ph.D.
Regulatory Consultant

CALIFORNIA

Stewart Street Tower 2700

One Market Plaza

San Francisco, CA 94105

Telephone 415 267 4120

Fax 415 267 4198

EUROPE

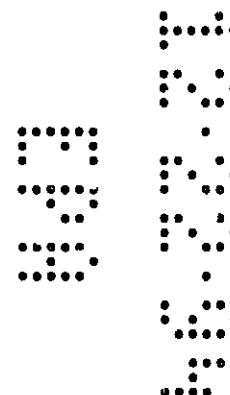
Avenue Louise No 287

Box 8

B-1050 Brussels, Belgium

Telephone 32 2 646 45 22

Fax 32 2 646 23 64



1 of 4



BIO-RESEARCH LABORATORIES LTD.

November 7, 1994

Mr. Jay S. Ellenberger (SRRD)
Accelerated Reregistration Division (OPP) H7508W)
US Environmental Protection Agency
1921 Jefferson Davis Highway
Arlington, VA 22202

Subject: Bio-Research Laboratories Ltd.
Acute Neurotoxicity Studies
Positive Control Data

Dear Mr. Ellenberger,

Bio-Research Laboratories Ltd. hereby authorizes EPA to review and consider the attached acute neurotoxicity positive control data on behalf of Sumitomo Chemical Company Ltd.'s reregistration of tetramethrin. Bio-Research conducted the acute neurotoxicity study on tetramethrin which has been reviewed by EPA. In a letter dated October 26, 1994, the Agency requested data on positive controls conducted using the study protocol employed for tetramethrin.

If you have any questions regarding this authorization, please contact me at (514) 630.8200 or Dr. Robert R. Stewart, Technology Sciences Group Inc. at (202) 828.8963.

Sincerely,

Keith Robinson

Keith Robinson
Scientific Director
Reproductive Toxicology

Michelle Chatelain (# 42,868)
Commissioner for Oaths for the
Judicial District of Montreal.

Michelle Chatelain
Michelle Chatelain

MONTREAL

87 Senneville Rd., Senneville, Quebec H9X 3R3, Canada
Tel.: (514) 630-8200 Fax: (514) 630-8239

2084

TRANSMITTAL DOCUMENT

1. Name and Address of Submitter

Bio-Research Laboratories Ltd.
87 Senneville Road
Senneville, Quebec
Canada H9x 3R3

Registration Agent:

Robert R. Stewart, Ph.D.
Technology Sciences Group Inc.
1101 17th Street, N.W., Suite 500
Washington, D.C. 20036

2. Regulatory Action in Support of Which this Package is Submitted

APPLICATION FOR RE-REGISTRATION OF TETRAMETHRIN
Chemical No. 69003, Case No. 2660

3. Transmittal Date

December 19, 1994

4. List of Submitted Studies

- 43495501 • A BENCHMARK STUDY OF THE ACUTE TOXICITY OF DDT IN THE ALBINO RAT
- 43495502 • A BENCHMARK STUDY OF THE ACUTE TOXICITY OF CARBARYL IN THE ALBINO RAT
- 43495503 • A TIME OF PEAK EFFECT STUDY OF AN ACUTE DOSE OF CARBARYL IN THE ALBINO RAT
- 43495504 • AN ACUTE STUDY OF THE POTENTIAL EFFECTS OF ORALLY ADMINISTERED CARBARYL ON BEHAVIOR IN RATS (2 VOLUMES)
- 43495505 • A BENCHMARK STUDY OF THE ACUTE TOXICITY OF TRIMETHYLITIN CHLORIDE IN THE ALBINO RAT
- 43495506 • A TIME OF PEAK EFFECT STUDY OF AN ACUTE DOSE OF TRIMETHYLITIN CHLORIDE IN THE ALBINO RAT
- 43495507 • A BENCHMARK STUDY OF THE ACUTE TOXICITY OF TRIADIMEFON IN THE ALBINO RAT
- 43495508 • A TIME OF PEAK EFFECT STUDY OF AN ACUTE DOSE OF TRIADIMEFON IN THE ALBINO RAT
- 43495509 • AN ACUTE STUDY OF THE POTENTIAL EFFECTS OF ORALLY ADMINISTERED TRIADIMEFON ON BEHAVIOR IN RATS (2 VOLUMES)

3084

- 43495510 • A TIME OF PEAK EFFECT STUDY OF AN ACUTE DOSE OF DDT IN THE ALBINO RAT
- 43495511 • AN INTER-OBSERVER RELIABILITY (IOR) STUDY FOR GRIP STRENGTH AND HINDLIMB SPLAY MEASUREMENTS IN RATS
- 43495512 • AN ACUTE STUDY OF THE POTENTIAL EFFECTS OF ORALLY ADMINISTERED DDT ON BEHAVIOR IN RATS (2 VOLUMES)
- 43495513 • AN ACUTE STUDY OF THE POTENTIAL EFFECTS OF ORALLY ADMINISTERED TRIMETHYLtin CHLORIDE IN BEHAVIOR, NEUROMORPHOLOGY AND NEUROCHEMISTRY IN RATS (2 VOLUMES)
- 43495514 • AN INTER-OBSERVER RELIABILITY (IOR) STUDY FOR QUALITATIVE FUNCTIONAL OBSERVATIONAL BATTERY ASSESSMENTS IN RATS
- 43495515 • A SUBACUTE STUDY OF THE POTENTIAL EFFECTS OF ORALLY ADMINISTERED ACRYLAMIDE ON BEHAVIOR AND NEUROMORPHOLOGY IN RATS (2 VOLUMES)

Company Name: Bio-Research Laboratories Ltd.
Quebec, Canada

Company Agent: Robert R. Stewart, Ph.D.
Technology Sciences Group Inc.
1101 17th Street, N.W., Suite 500
Washington, D.C. 20036

Agent Signature: _____

Date: 12/19/94

43495515

4084